AMENDMENT NO. 1 DECEMBER 2016
TO
IS 10210 :1993 CRITERIA FOR DESIGN OF HYDRAULIC HOISTS FOR GATES

(First Revision)

[*Page* 2, *clause* **8.2.1.1** b)] — Substitute the following equation with the existing:

'b) Cylinder head (circular plate with hole at its centre):

    1)   At outer edge:

$$Max\ \sigma r = \frac{3w}{4t^2}\left[a^2 - 2b^2 + \frac{b^4(m-1) - 4b^4(m+1)\log\frac{a}{b} + a^2b^2(m+1)}{a^2(m-1) + b^2(m+1)}\right]$$

' '

    2) At inner edge:

$$Max\ \sigma_r = \frac{3w(m^2-1)}{4mt^2}\left[\frac{a^4 - b^4 - 4\,a^2b^2\,\log\frac{a}{b}}{a^2(m-1) + b^2(m+1)}\right]$$

(WRD 12)